

Job Title:	Wastewater Technician II
Job Description Number:	734
Department/Division:	Public Works/Wastewater
Exemption Status:	Non-Exempt
Pay Grade:	208
Immediate Supervisor:	WW Repair Supervisor or WW Inspection & Rehab Supervisor
Normal Work Schedule:	4 days/week, 10 hours/day

Brief Description of the Job:

Under limited supervision this position requires technical and manual skills in the operation of specific equipment such as backhoes, excavator, dump trucks, air compressors, jack hammers, and concrete saws in the repair of the City's wastewater. Perform repairs, rehabilitation, and restoration of the City wastewater system. Operate heavy equipment to dig trenches for pipes and manholes such as backhoes and excavators. Operate dump trucks for hauling material and equipment to job sites. Install new sewer pipes where old and existing has failed. Operate jet trucks. Act as supervisor in his/her absence. Participate in after hours on-call duty requiring working after normal hours and holidays to resolve emergency situations. Work during inclement weather conditions (i.e. snow and ice) by operating specific pieces of equipment such as sanders, loaders, and plows. Operator for the Public Works on-call after hours. Operate fork lifts, skid steer, snow removal, and clean up sewer spills.

Essential Functions:

Assist with completion of work orders (85%): Operate heavy equipment to dig trenches for pipes and manholes such as backhoes, excavators, and skid steer. Operate dump trucks for hauling material and equipment to job sites. Install new sewer pipes and repair old pipes. Confined space entry and trenching and shoring operations. Raise sanitary sewer manholes to grade. Mix concrete. Apply cement liner to interior of sewer manhole. Use tripod, winch, gas detectors, and harness. Finish liner with trowel and brush. Operate jack hammer and remove asphalt debris. Remove old manhole ring and cover. Install metal plates or replace with new ring and cover. Level new ring and cover to street pitch. Tamp new asphalt into hole. Enter manholes to clean install, set up and clean flow monitoring sensors. Clear right of ways and check creek crossings. Ability to read maps, complete reports, and perform traffic control. Assist in the training of new employees.

Meetings/Training (5%): Attend required meetings and trainings

Work during inclement weather (5%): Operate sanders and snow plows. Clean up sidewalks.

On-Call (5%): Participate in after hours on-call duty requiring working after normal hours and holidays to resolve emergency situations.

Other duties and responsibilities as assigned.

Physical Demands

Overall Strength Demands: Heavy strength demands include exerting 50-100 pounds occasionally, 25-50 pounds frequently, or from 10 up to 20 pounds constantly.

Physical Demands: Continuously requires fine dexterity, lifting, vision, hearing, and talking. Frequently requires standing, walking, carrying, reaching, kneeling, foot controls, and balancing. Occasionally requires handling, pushing/pulling, climbing, bending, crouching, and twisting. Rarely requires sitting.

Machines, Tools, Equipment, and Work Aids: Dump trucks, front end loader, tamp, concrete saw, jack hammer, chainsaw, gas detector, concrete mixer, pumps, and hand tools.

Computer Equipment and Software: Personal computer, laptop computer, CityWorks. Perform maintenance of flow monitoring sensors and download sensor information to computer.

Working Conditions

Overall Working Conditions: Disagreeable: Frequent exposure to unpleasant environmental conditions and/or hazards.

Environmental Factors: Daily exposure to extreme temperature, respiratory hazards, noise and vibration, physical hazards, and wetness and/or humidity.

Health and Safety: Frequent exposure to mechanical hazards, and communicable diseases. Rare exposure to chemical hazards, electrical hazards, and fire hazards.

Primary Work Location: Outdoors.

Protective Equipment Required: Hard hat, steel-toed shoes, gloves, safety vest, safety glasses, ear protection, rain suit, and rubber boots.

Non-Physical Demands

Frequently requires performing multiple tasks simultaneously, working closely with others as part of a team, tedious or exacting work, and noisy/distracting environment. Occasionally requires time pressures, emergency situations, and frequent change of tasks. Rarely requires irregular schedule/overtime.

Job Requirements

Formal Education: Formal Education: High school diploma or equivalent is required.

Experience: Over two years of experience in Public Works, utility, or construction field is required.

Driver's License Required: A valid Class A South Carolina Commercial Beginner's permit is required. Once in classification, employee must obtain corresponding Class A South Carolina CDL with tanker endorsement within 4 months.

Certifications and Other Requirements: None.

Job Demands

Reading: Intermediate Level: Ability to read papers, periodicals, journals, manuals, policies, dictionaries, thesauruses, and encyclopedias.

Math: Intermediate Level: Ability to deal with a system of real numbers; and practical application of fractions, percentages, ratios/proportions and measurement.

Writing: Intermediate Level: Ability to write reports, prepare business letters, summaries, meeting minutes, and emails using proper format, punctuation, spelling, and grammar, using all parts of speech.

Human Collaboration Skills: Work requires regular and routine interaction involving exchange and receipt of information. Work has a moderate impact on the organization. External contacts include general public, various contractors, gas companies, and waterworks. Internal contacts include Fire, Building Maintenance, Police, Ground Maintenance, and divisions within Public Works.

Management and Supervision: Work requires functioning as a lead worker performing essentially the same work as those directed, and includes overseeing work quality, training, instructing, and scheduling. Semi-complex scope of supervision.

Technical Skill: Basic skill: Work requires the use of standard technical skills appropriate to the work environment of the organization. Advanced application: Work affects accuracy of multiple projects.

Freedom to Act and Impact of Action

Receives Direction: The employee normally performs the duty assignment after receiving general instructions as to methods, procedures, and desired end results. There is some opportunity for discretion when making selections among a few, easily identifiable choices. The assignment is usually reviewed upon completion. **Moderate impact of action:** Moderate benefits or costs in time, money, or public/employee relations.

Disclaimer

The above information on this description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job.